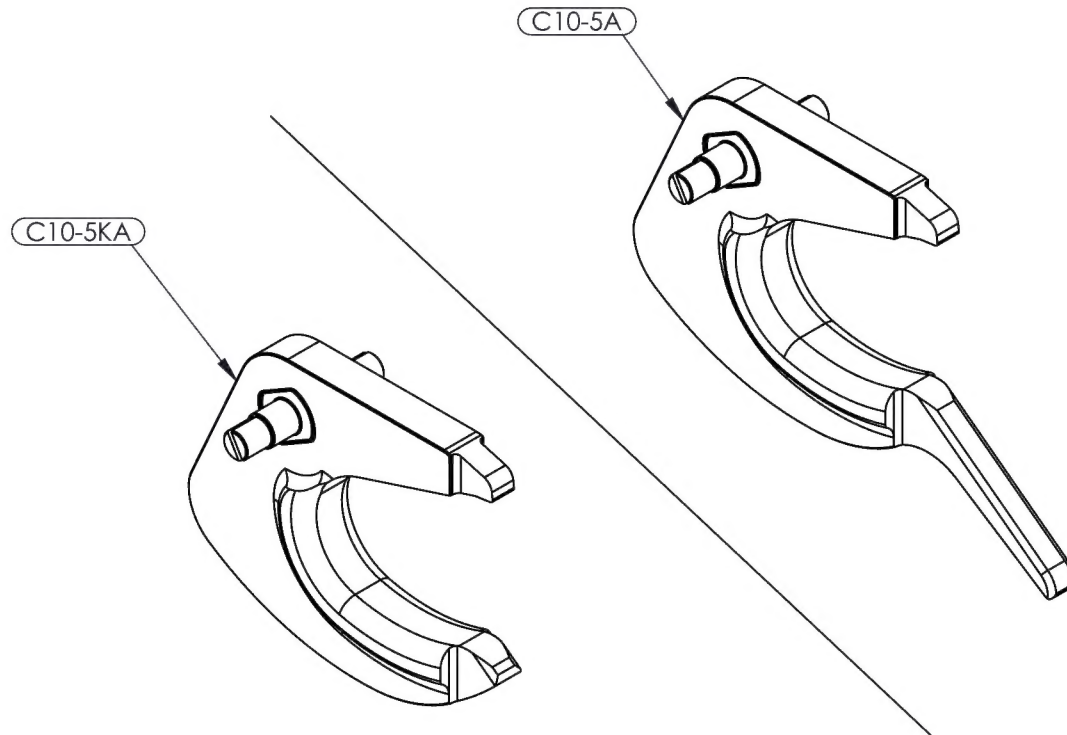


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
D		AS DRAWN BY APICAL.	5/7/2013	CFS	
1		C10-6 CH'D TOLERANCE WAS 1.500 +.000 -.002 IS Ø1.50.	10/9/2013	CFS	GE
2	14-0114	CH'D TITLEBLOCK WAS RED BARN IS DART. C10-5 ADDED MACHINE ENGRAVE NOTE. C10-6 ADDED BAG & LABEL NOTE. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	8/8/2014	DPD	RW
3	15-0176	UPDATED TO NEW DRAFTING STANDARDS. C10-5A ADDED DIMS 1.52, {.010}. C10-5 ADDED DIM 4X R.13. ADDED DXF NOTE. C10-5K & C10-5KA ADDED DWG. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	7/17/2015	DPD	JAG



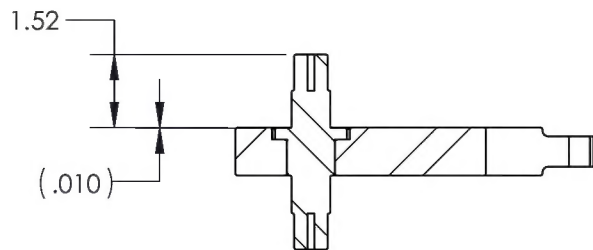
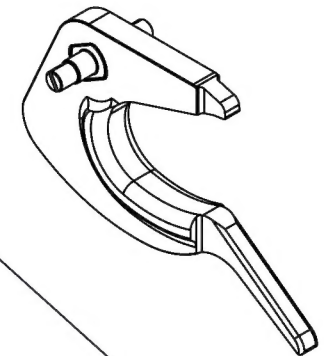
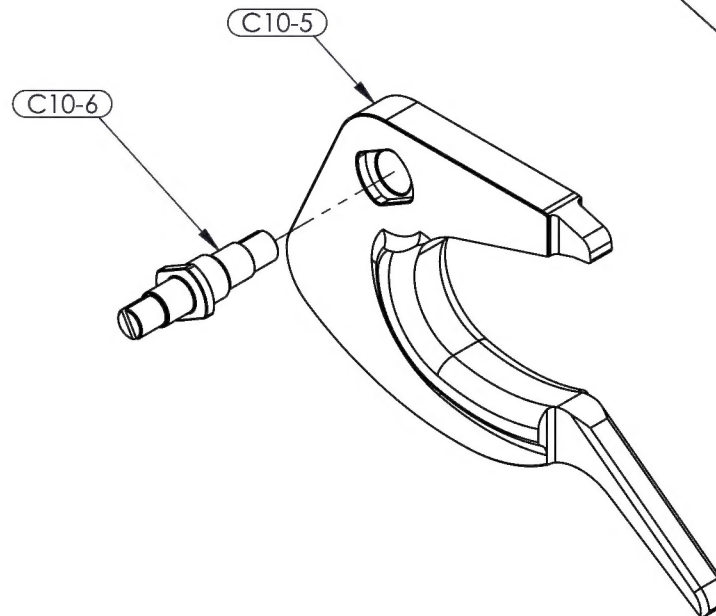
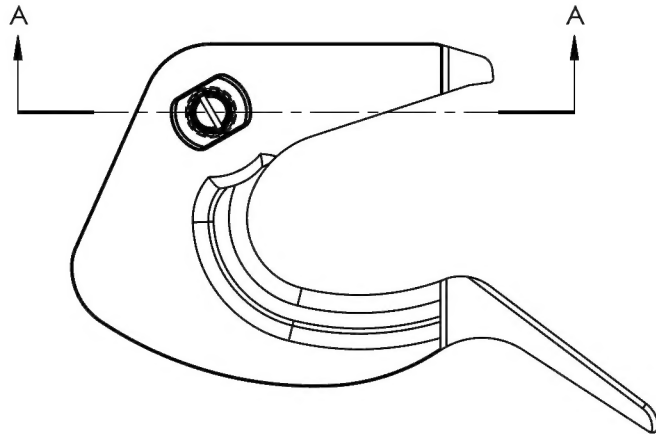
CONTROLLED COPY

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		C10-5A	1	LOAD BEAM ASSEMBLY			2
	1		C10-5		LOAD BEAM	4140/4142		4
X			C10-5KA	1	KEEPERLESS LOAD BEAM ASSEMBLY			3
1			C10-5K		KEEPERLESS LOAD BEAM	4140/4142		5
1	1		C10-6		TRUNNION	4140/4142		6
ASSY C10-5KA	ASSY C10-5A							

TITLE		LOAD BEAM ASSEMBLIES	
DWG NO.		C10-5A/C10-5KA	
MAT'L		DRAWN BY: DUERFELDT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>J Gilbert</i>	
.XXX ± .005		HEAT TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE 1:4		DATE 7/17/2015	SHEET 1 OF 6

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0176	C10-5A ADDED DIMS 1.52, (.010).	7/17/2015	DPD	JAG



SECTION A-A

CONTROLLED COPY

(C10-5A)

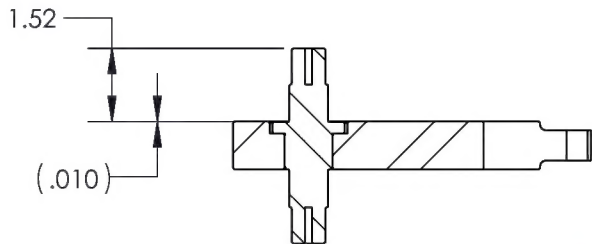
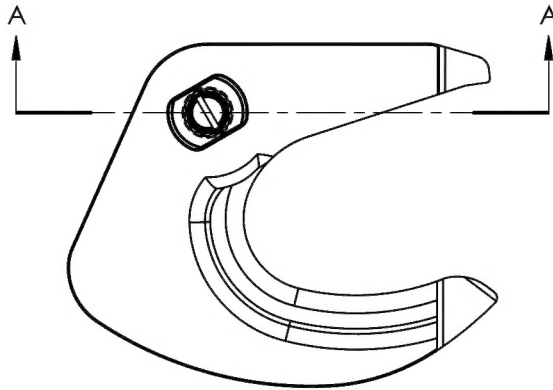
LOAD BEAM ASSEMBLY

NOTE:
1. NICKEL PLATE .0009 - .0011, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5A/C10-5KA	REV 3
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: CANAM APPROVED <i>D Weil</i> HEAT TREAT FINISH SEE NOTE 1 SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 11/25/2009
SHEET 2 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0176	C10-5KA ADDED DWG.	7/17/2015	DPD	JAG

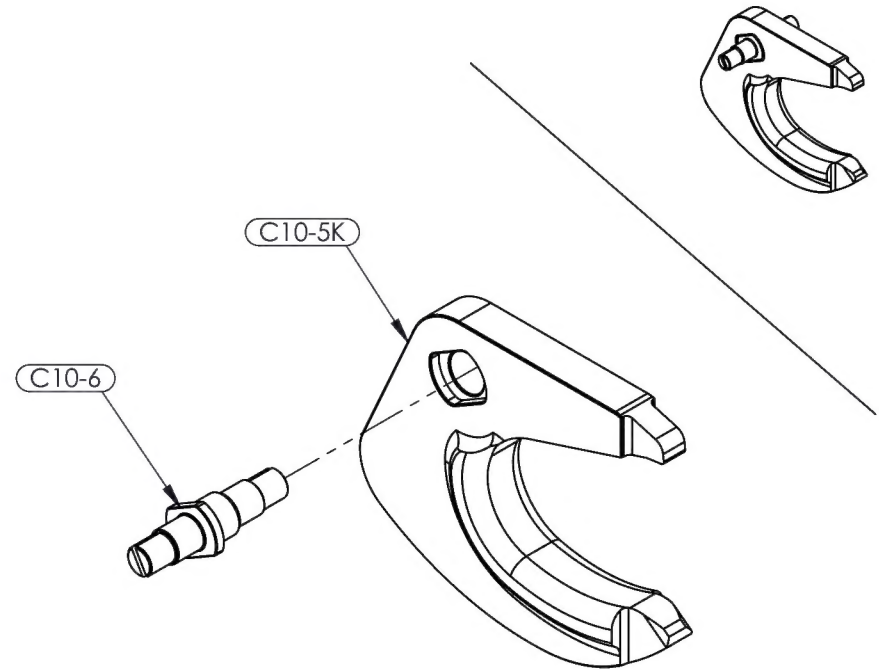


SECTION A-A

CONTROLLED COPY

C10-5KA

KEEPERLESS LOAD BEAM ASSEMBLY

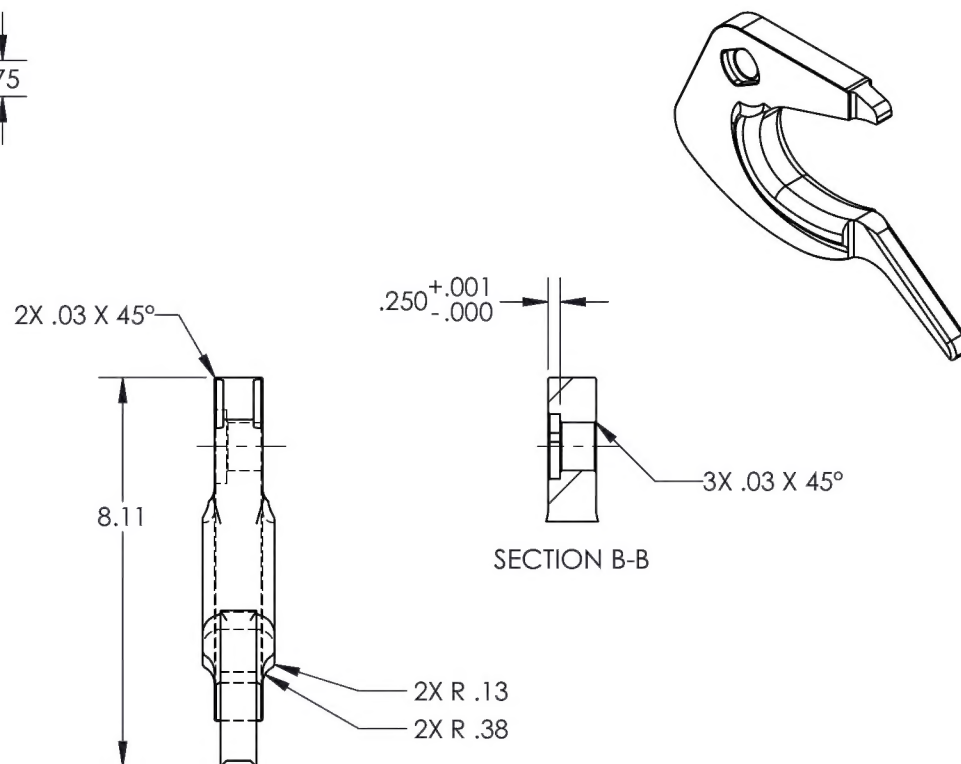
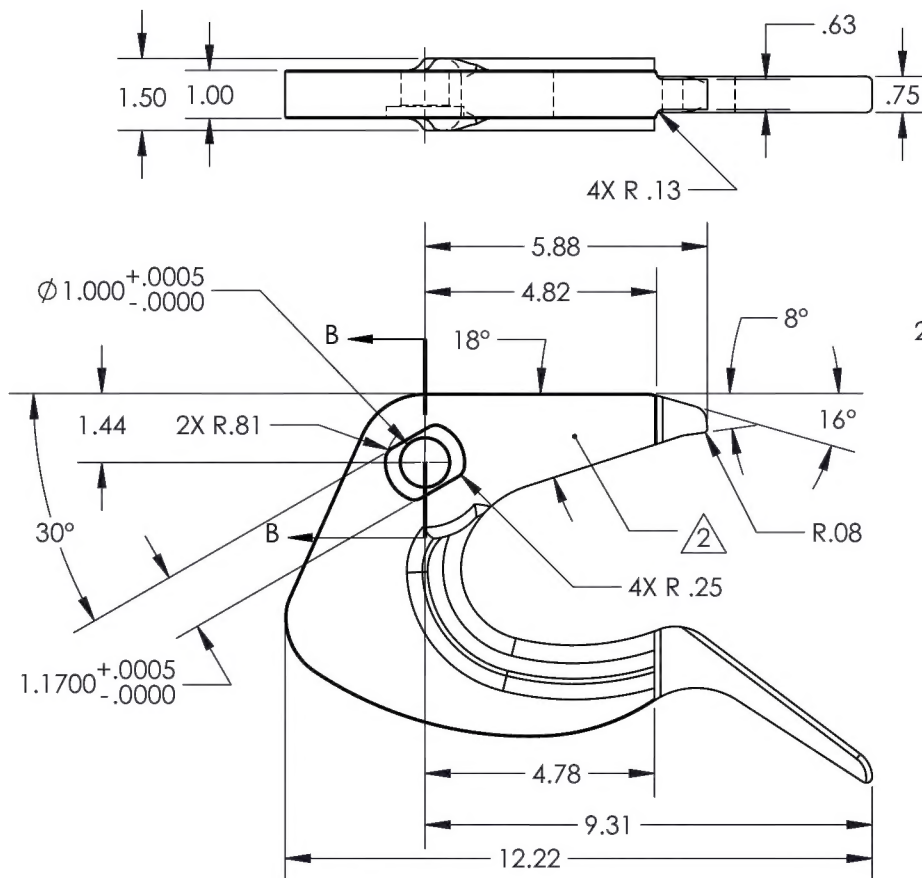


NOTE:
1. NICKEL PLATE .0009 - .0011, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5KA	REV 3
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: DUERFELDT APPROVED: <i>J Gilbert</i> HEAT TREAT FINISH SEE NOTE 1 SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 7/17/2015
SHEET 3 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
D		AS DRAWN BY APICAL.	5/6/2013	CFS	
2	14-0114	C10-5 ADDED MACHINE ENGRAVE NOTE.	8/8/2014	DPD	RW
3	15-0176	C10-5 ADDED DIM 4X R.13. ADDED DXF NOTE.	7/17/2015	DPD	JAG



NOTES:

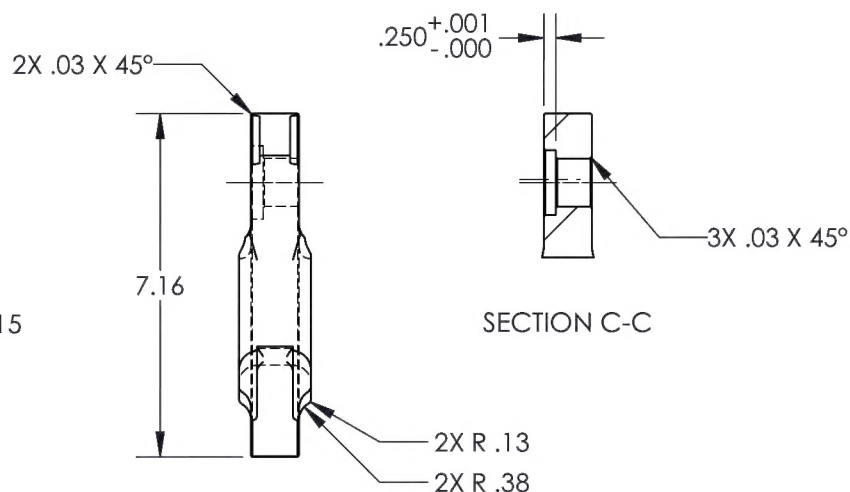
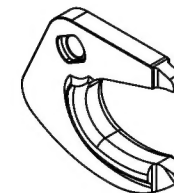
1. NICKEL PLATE APPLIED AT ASSEMBLY C10-5A.
2. MACHINE ENGRAVE BATCH NUMBER.
3. USE DXF PROFILE FOR PART CONTOURS.

CONTROLLED COPY

(C10-5)
LOAD BEAM

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5A/C10-5KA	REV 3
MAT'L 4140/4142	DRAWN BY: APICAL
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT 53-56 HRC
.XX ± .01 ANGLES ± 5°	FINISH SEE SHEET 2 NOTE 1
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 5/12/2006
SHEET 4 OF 6	

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0176	C10-5K ADDED DWG.	7/17/2015	DPD	JAG



1. NICKEL PLATE APPLIED AT ASSEMBLY C10-5KA.
2. MACHINE ENGRAVE BATCH NUMBER.
3. USE DXF PROFILE FOR PART CONTOURS.

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C10-5K

KEEPERLESS LOAD BEAM



TITLE

LOAD BEAM ASSEMBLIES

DWG NO.

C10-5A/C10-5KA

REV	3
-----	---

MAT'L	4140/4142
-------	-----------

DRAWN BY: DUERFELDT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
XXX ± .005 FRACTIONS: 1/8

APPROVED	<i>J Gilbert</i>
HEAT TREAT	53-56 HRC
FINISH	SEE SHEET 3 NOTE 1

XXX $\pm .005$ FRACTIONS $\pm 1/8$
XX $\pm .01$ ANGLES $\pm .5^\circ$
X $\pm .1$

1. BREAK ALL SHARP EDGES .015 x 45°
OR .015R

2. DIMENSIONAL LIMITS APPLY AFTER
PLATING

5°	SPEC
	USED ON MODEL

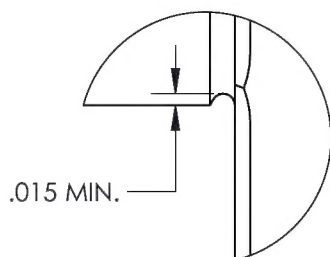
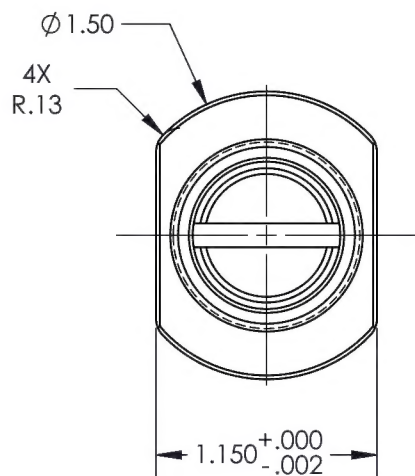
SCALE 1:4

DATE	7/17/2015
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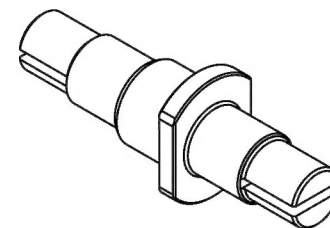
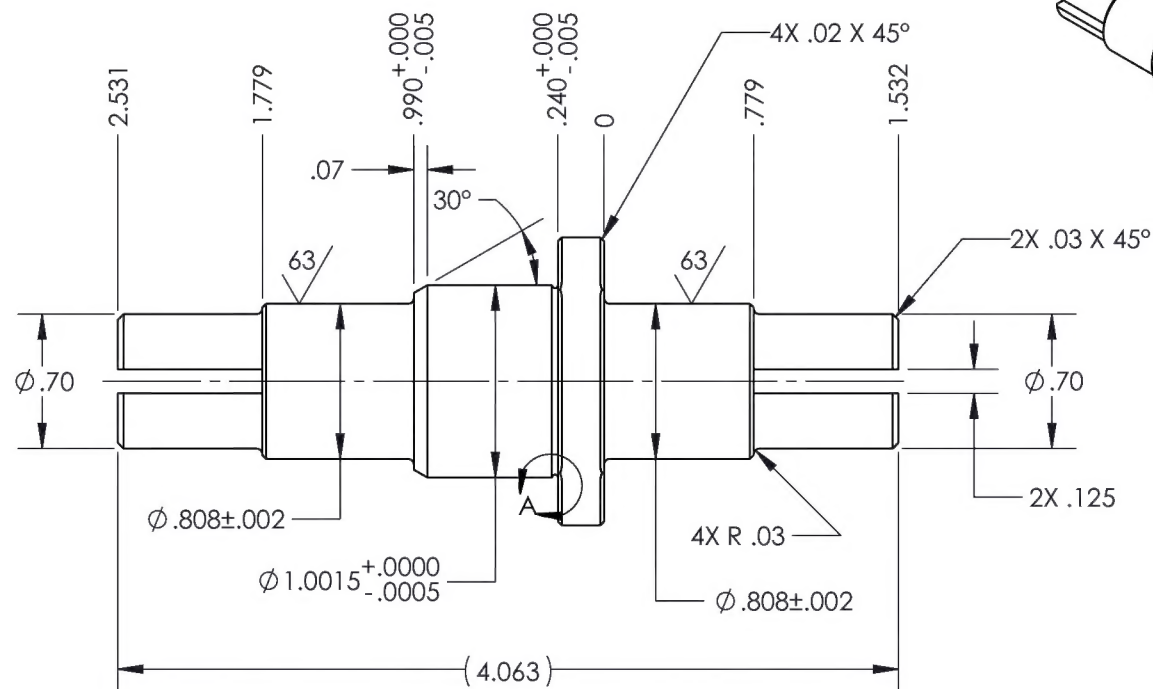
SHEET 5 OF 6

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
D		AS DRAWN BY APICAL.	5/1/2013	CFS	
1		C10-6 CH'D TOLERANCE WAS 1.500+.000-.002 IS Ø1.50.	10/9/2013	CFS	GE
2	14-0114	C10-6 ADDED BAG & LABEL NOTE.	8/8/2014	DPD	RW



DETAIL A
SCALE 4 : 1



CONTROLLED COPY

(C10-6)

TRUNNION

- NOTES:
1. NICKEL PLATE APPLIED AT ASSEMBLIES C10-5A & C10-5KA.
 2. BAG & LABEL WITH BATCH NUMBER.

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5A/C10-5KA	REV 3
MAT'L 4140/4142	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT HRC 44-46
.XX ± .01 ANGLES ± 5°	FINISH SEE SHEETS 2 & 3 NOTE 1
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 5/22/2002
SHEET 6 OF 6	